To: Werner, Lora[Werner.Lora@epa.gov]; Kelly, Jack (R3 Phila.)[Kelly.Jack@epa.gov];

Markiewicz, Karl[Markiewicz.Karl@epa.gov]; Larry F Cseh[LCseh@cdc.gov]

Cc: Garvin, Shawn[garvin.shawn@epa.gov]; Hodgkiss, Kathy[Hodgkiss.Kathy@epa.gov]; loven,

Dawn[loven.Dawn@epa.gov]; Arguto, William[Arguto.William@epa.gov]; Burns, Francis[Burns.Fran@epa.gov]; Linden, melissa[linden.melissa@epa.gov]

From: Ferrell, Mark

Sent: Thur 1/23/2014 3:02:30 AM

Subject: Re: Question from Shawn......FW: Update on amount of PPH in the MCHM spill

This is what the CDC has told the WV Bureau for Public Health, which has been public since this morning:

http://www.dhsem.wv.gov/Documents/CDC%20stmt%20on%20PPH.pdf

From: Werner, Lora

Sent: Wednesday, January 22, 2014 9:35:14 PM

To: Kelly, Jack (R3 Phila.); Markiewicz, Karl; Larry F Cseh

Cc: Garvin, Shawn; Hodgkiss, Kathy; Ioven, Dawn; Arguto, William; Burns, Francis; Ferrell, Mark;

Linden, melissa

Subject: Re: Question from Shawn......FW: Update on amount of PPH in the MCHM spill

Can any one tell me of this updated amount of PPH in the MCHM spill that Melissa shared below is public information yet or not?

CDC is thinking about updating the sentence on our website that refers to this percentage, but I have been asked to confirm if this is public info yet or not.

Our website currently has:

"PPH represented a relatively small percentage (approximately 5%) of the total volume in the tank."

We could update it to:

"PPH represented a relatively small percentage (approximately 7.3% by weight) of the total amount in the tank."

Thanks for any info you can provide. Lora

From: Kelly, Jack (R3 Phila.)

Sent: Wednesday, January 22, 2014 4:21:35 PM **To:** Werner, Lora; Markiewicz, Karl; Larry F Cseh

Cc: Garvin, Shawn; Hodgkiss, Kathy; Ioven, Dawn; Arguto, William; Burns, Francis **Subject:** Question from Shawn......FW: Update on amount of PPH in the MCHM spill

Would think not but best you folks answer..... certainly someone is going to ask if this percentage increase is significant or inconsequential....

Jack Kelly

On Scene Coordinator

EPA Region III, Philadelphia

215-514-6792 (cell)

215-814-3112 (office)

From: Garvin, Shawn

Sent: Wednesday, January 22, 2014 4:00 PM

To: Burns, Francis; Hodgkiss, Kathy; Melvin, Karen; Armstrong, Joan; Capacasa, Jon; Wisniewski, Patti-Kay;

Arguto, William; binetti, victoria; duteau, helen; Jarvela, Steve; Kelly, Jack (R3 Phila.)

Subject: Re: Update on amount of PPH in the MCHM spill

Will that change the ATSDR assessment? Is this it, or is the target going to move again? Thx

From: Burns, Francis

Sent: Wednesday, January 22, 2014 3:48:04 PM

To: Garvin, Shawn; Hodgkiss, Kathy; Melvin, Karen; Armstrong, Joan; Capacasa, Jon;

Wisniewski, Patti-Kay; Arguto, William; binetti, victoria; duteau, helen; Jarvela, Steve; Kelly,

Jack (R3 Phila.)

Subject: FW: Update on amount of PPH in the MCHM spill

FYI

From: Linden, melissa

Sent: Wednesday, January 22, 2014 3:40 PM

To: Burns, Francis

Cc: Caporale, Cynthia; Werner, Lora

Subject: Update on amount of PPH in the MCHM spill

Hi Fran,
The Freedom Industries President just told Mike Dorsey that there is 7.3% PPH instead of the reported 5.6% given yesterday.
So the contents of tank 396 is 88.5% crude MCHM, 7.3% PPH, and 4.2% water (percent by weight, not volume as previously stated) reported as a requirement of the WV DEP Order issued this morning to the facility.
Thanks, Melissa